

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	41	"5137646"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 09:43
S2	638	perfume same (particle or granule or capsule) same water near soluble	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:45
S3	205	perfume same (particle or granule or capsule) same water near soluble and core	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:45
S4	457065	perfume same (particle or granule or capsule) same water near soluble and core and extrusion or extrud\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:45
S5	97	perfume same (particle or granule or capsule) same water near soluble and core and (extrusion or extrud\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:45
S6	4	perfume same (particle or granule or capsule) same water near soluble and core and (extrusion or extrud\$4) and heat same slurry	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:49
S7	4	perfume same (particle or granule or capsule) same water near soluble and core and (extrusion or extrud\$4) and heat same slurry and mix \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:51

S8	2579781	perfume same (particle or granule or capsule) same water near soluble and core and (extrusion or extrud\$4) and heat same slurry and mix \$4 and chop\$4 or cut \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:51
S9	3	perfume same (particle or granule or capsule) same water near soluble and core and (extrusion or extrud\$4) and heat same slurry and mix \$4 and (chop\$4 or cut \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:53
S10	119	(extrud\$4 or extrusion) same particle same perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:55
S11	88	mix\$4 and heat\$4 and (extruds\$4 or extrusion) same particle same perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/16 16:56
S12	1152	(extrusion or extrud \$4) same particle and film same shear	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:10
S13	85	(extrusion or extrud \$4) same particle and film same shear and perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:33
S14	64	(extrusion or extrud \$4) same (planetary or screw) and particle and film same shear and perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:45
S15	559	(extrusion or extrud \$4) same shear near10 film	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:45
S16	317	(extrusion or extrud \$4) same shear near10 film and particle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:45
S17	7	(extrusion or extrud \$4) same shear near10 film and particle same perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:51

S18	52	(extrusion or extrud \$4) same low near10 shear near10 film and particle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 12:49
S19	2	(extrusion or extrud \$4) same low near10 shear near10 film and particle same perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:48
S20	2	(extrusion or extrud \$4) same low near10 shear near10 film and particle and perfume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:48
S21	14	(extrusion or extrud \$4) same shear near10 film same plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 10:52
S22	122	(510/297). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/17 12:50
S23	20	S22 and coat\$4 same water near soluble	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 12:51
S24	405	(510/349) CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/17 12:51
S25	122	(510/451). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/17 12:51
S26	38	S25 and shear	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 12:52
S27	16	S25 and shear same extrusion	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/17 12:52
S28	0	"5414056" and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 10:05
S29	1	"20010016566" and twin	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 11:17

S30	100	low shear same plate and twin screw	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:03
S31	40	low shear same plate and twin screw and diameter same mm	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:04
S32	40	"low shear" same plate and twin near5 screw and diameter same mm	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:06
S33	0	"510"/\$.cols."low shear" same plate and twin near5 screw and diameter same mm	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:06
S34	4	"6702006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:35
S35	25	plate heat exchanger and twin screw extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:36
S36	294985	detergent or soap	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:37
S37	1	extruder same twin screw and low shear and plate near5 heat exchanger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:38
S38	52	low shear and plate near5 heat exchanger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 12:38
S39	65	low near shear and heat near exchange\$ near5 plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:40
S40	10	low near shear and heat near exchange\$ near5 plate and extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:40
S41	138	twin near screw near5 extruder and preheater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:49

S42	0	"246"/\$.cols. and preheater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:51
S43	0	"246"/\$.cols. and preheater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:51
S44	405	"264"/\$.cols. and preheater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:51
S45	127	"264"/\$.cols. and preheater and extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:51
S46	63	"264"/\$.cols. and preheater and extruder and (detergent or soap or particle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:53
S47	9	"264"/\$.cols. and preheater and extruder and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:53
S48	2	WO-9409111-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:02
S49	1	"20010016566" and preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:04
S50	0	"20010016566" and preheat\$4 and heat near3 exchang\$4 near plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:05
S51	0	"20030180340" and preheat	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:07
S52	0	"20030180340" and heat exchanger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:07
S53	54	preheat same heat exchanger and extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:08

S54	54	preheat same heat near exchanger and extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:08
S55	220	preheat\$4 same heat near exchanger and extruder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:08
S56	474	preheat\$4 same heat near exchanger and (extruder or extrusion)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:08
S57	42	preheat\$4 same heat near exchanger and (extruder or extrusion) same (twin near screw or Berstoff)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:10
S58	0	preheat\$4 same heat near exchanger and (extruder or extrusion) same (twin near screw or Berstoff) and particle same (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:11
S59	24045	(extrud\$4 or extrusion) and preheat \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:15
S60	4957242	(extrud\$4 or extrusion) and preheat \$4 same heat exchange plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:15
S61	2	(extrud\$4 or extrusion) and preheat \$4 same "heat exchange plate"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:16
S62	121	"510"/\$.cols. and (extrud\$4 or extrusion) and preheat \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:17
S63	11	"510"/\$.cols. and (extrud\$4 or extrusion) same (twin or Berstoff) and preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:17

S64	16	"510"/\$.cols. and (extrud\$4 or extrusion) and (twin or Berstoff) and preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:18
S65	10	"510"/\$.cols. and (extrud\$4 or extrusion) and ((twin near screw) or Berstoff) and preheat \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:18
S66	31	preheat\$ same "heat exchange plate"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:25
S67	204	preheat\$ same ("heat exchange plate" or "plate heat exchanger")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:26
S68	14	preheat\$ same ("heat exchange plate" or "plate heat exchanger") and (extrud\$4 or extrusion)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:29
S69	0	preheat\$ same ("heat exchange plate" or "plate heat exchanger") and (shampoo or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/04/23 13:33
S70	1864	low shear same heat \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:35
S71	61	low shear same preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:36
S72	25	low shear same preheat\$4 and (extrud \$4 or extrusion)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:42
S73	3790	heat exchanger plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:54
S74	4	"510"/\$.cols. and heat exchanger plate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 13:54

S75	476	(extrud\$4 or extrusion) and plate heat exchanger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 14:23
S76	1	"20010016566" and low shear	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 14:28
S77	1	"20010016566" and low shear same temperature	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 14:28
S78	3798	low shear same temperature	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:14
S79	262	(detergent or soap) and (extrusion or extrud\$4) and low shear same temperature	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:15
S80	0	(detergent or soap) and (extrusion or extrud\$4) and low shear same temperature same preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:15
S81	70	(detergent or soap) and (extrusion or extrud\$4) and low shear same temperature same heat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:15
S82	301	(detergent or soap) and twin screw extruder and preheat \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:18
S83	0	(detergent or soap) and twin screw extruder and preheat \$4 same (film packed or plate heat exchanger)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:19
S84	2	twin screw extruder and preheat\$4 same (film packed or plate heat exchanger)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:20
S85	98	plate heat exchanger and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:21

S86	29	plate heat exchanger and (extrusion or extrud\$4) and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:22
S87	29	plate heat exchanger same heat\$4 and (extrusion or extrud \$4) and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:40
S88	0	plate heat exchanger same preheat\$4 and (extrusion or extrud \$4) and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:41
S89	173	plate heat exchanger same preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:41
S90	12	plate heat exchanger same preheat\$4 and (extrusion or extrud \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:41
S91	6711	plate heat exchanger or (film packed) same preheat\$4 and (extrusion or extrud \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:46
S92	12	((plate heat exchanger) or (film packed)) same preheat\$4 and (extrusion or extrud \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:47
S93	37	low shear and plate heat exchanger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 15:50
S94	241	low shear same heat \$4 and twin screw extruder	US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 16:26
S95	41	low shear same heat \$4 and twin screw extruder and (detergent or soap)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 16:26
S96	61	low shear same preheat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 17:03

S97	25	low shear same preheat\$4 and (extrusion or extrud \$4)	US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 17:04
S98	27	(detergent and soap) and (extrud\$4 or extrusion) same preheat\$	US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 17:19
S99	10	(detergent and soap) and (extrud\$4 or extrusion) and preheater	US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/04/23 17:23

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